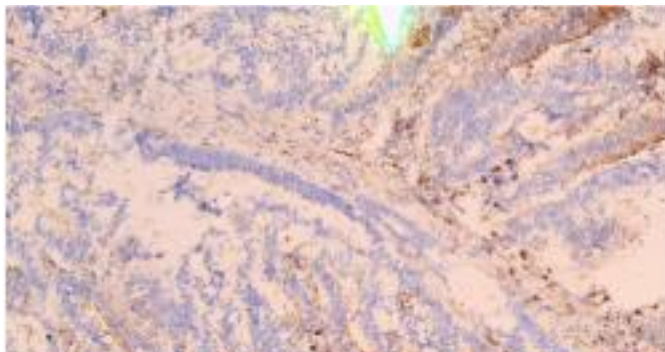


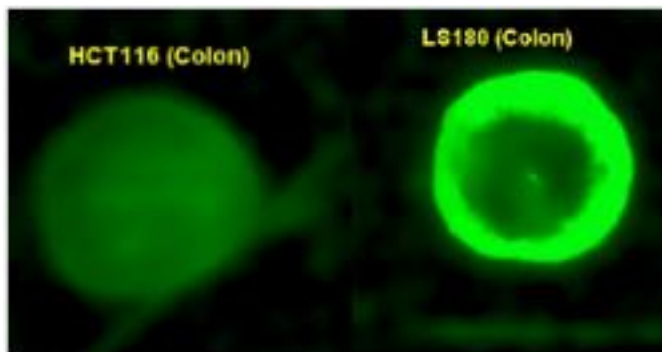
## Rabbit Anti-Human SSEA-4 (Clone E2-F8) mAb

<b>Catalog No.</b>	CGK100A	<b>Quantity:</b>	50 µg
	CGK100B		100 µg
	CGK100C		500 µg
<b>Alternate Names:</b>	Stage-specific embryonic antigen-4, SSEA-4		
<b>Description:</b>	Stage-specific embryonic antigen-4 (SSEA-4) is a ganglioside which consists of a glycosphingolipid (GSL) containing a terminal sialic acid residue (N-acetylneuraminic acid). SSEA-4 expression changes both qualitatively and quantitatively during development, differentiation and in tumorigenesis. SSEA-4 has been found to be over-expressed in a number of cancers and has been correlated with disease progression. Rabbit Anti-Human SSEA-4 (Clone E2-F8) mAb is a <b>high affinity IgG1</b> recombinant rabbit monoclonal antibody to Stage-Specific Embryonic Antigen-4 (SSEA-4).		
<b>Source:</b>	HEK293 cell line		
<b>Concentration:</b>	1.0 mg/ml		
<b>Specificity:</b>	Recognizes human Stage-specific embryonic antigen-4 (SSEA-4)		
<b>Isotype:</b>	Rabbit IgG1		
<b>Immunogen:</b>	SSEA-4		
<b>Clone:</b>	E2-F8		
<b>Endotoxin:</b>	< 0.050 EU/mg, determined by LAL chromogenic endotoxin assay		
<b>Formulation:</b>	Sterile filtered PBS, pH 7.5		
<b>Purification:</b>	Protein A or G affinity chromatography		
<b>Applications:</b>	<b>ELISA:</b> suggested concentration 30-50 µg/ml <b>IHC-FR:</b> suggested concentration 40 µg/ml		
<b>Application Notes:</b>	<b>Immunoblot of cell lipid extracts:</b> suggested concentration 10-50 µg/ml Due to the glycan nature of the epitope recognised by this antibody, traditional protein Western Blotting cannot be used.		
<b>Storage &amp; Stability:</b>	Store at 2-8°C for up to 1 week. Store aliquots at -20 to -80°C for up to 1 year. <b>Avoid repeated freeze-thaw cycles.</b>		

Human colon cancer tissue, clone E2-F8 binds individual cells and discrete stromal components



Cell lipid extracts with rabbit anti-human SSEA-4





**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**



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